

# INTERNATIONAL SEARCH REPORT

International application No.  
PCT/CA2004/002102

## A. CLASSIFICATION OF SUBJECT MATTER

IPC<sup>7</sup>: B60D-1/14, B60D-1/18

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC<sup>7</sup>: B60D-1/00, B60D-1/01, B60D-1/02, B60D-1/04, B60D-1/14, B60D-1/18, B60D-1/36, B60D-1/38, B60D-1/52, B60D-1/64, B60D-7/00, B60P-3/12, B62K-27/00

USPC: 280

ECLA: B60D-1/14, B60D-1/14C, B60D-1/18, B60D-1/18D, B60D-1/00, B60D-1/02

CPC: 280/136, 280/139

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic database(s) consulted during the international search (name of database(s) and, where practicable, search terms used)

Delphion, Espacenet, Canadian Patents Database, Patent Abstracts of Japan (PAJ), Internet (Keywords: hitch, shackle, clevis)

- Search terms used in patent databases: hitch\*, tow\*, drawbar, towbar, receiver, shackle, clevis, ring, belt, strap, and similar terms

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No(s).
Y	US2002140206 A1 (LLOYD, M. J.) 3 October 2002 (03-10-2002) * Fig. 2; page 3, paragraphs [0031] and [0035] *	1-3, 5-13
Y	SUPERWINCH <sup>®</sup> , Copyright 2001-2002 Products / Accessories (Receiver Shackle Bracket - 1559B Class III Receiver Hitch Mount), retrieved on 24-03-2005 from internet URL: <a href="http://www.superwinch.com/products/accessories/index.html">http://www.superwinch.com/products/accessories/index.html</a>	1
Y	FR2043113 A5 (GRUCHOT V.) 12 February 1971 (12-02-1971) * Figs. 1-3; page 2, lines 29-38 *	1-3, 5-13
A	EP0112779 A1 (MOTTEZ, H.) 4 July 1984 (04-07-1984) * Fig. 2 *	1-13
A	US6158760 A (KISS, T.) 12 December 2000 (12-12-2000) * Abstract; Figs. 1 & 2 *	1-13
A	US5570897 A (WASS, L. G.) 5 November 1996 (05-11-1996) * Fig. 2; column 2, lines 65-67 *	1-13

[ ] Further documents are listed in the continuation of Box C.

[X] See patent family annex.

* Special categories of cited documents :	
"A" document defining the general state of the art which is not considered to be of particular relevance	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"E" earlier application or patent but published on or after the international filing date	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"O" document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family
"P" document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search

29 March 2005 (29-03-2005)

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Information on patent family members

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Patent Document Cited in Search Report	Publication Date	Patent Family Member(s)	Publication Date
US2002140206 A1	03-10-2002	NONE	
FR2043113 A5	12-02-1971	DE1962772 A1	24-06-1971
EP0112779 A1	04-07-1984	AT26422T T DE3370773D D1 FR2538318 A1	15-04-1987 14-05-1987 29-06-1984
US6158760 A	12-12-2000	AU2612901 A US6312004 B1 WO0181106 A1	07-11-2001 06-11-2001 01-11-2001
US5570897 A	05-11-1996	NONE	